

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 02-086305

(43)Date of publication of application : 27.03.1990

(51)Int.Cl.

H03F 1/00
G11B 20/02

(21)Application number : 63-238504

(71)Applicant : ROHM CO LTD

(22)Date of filing : 22.09.1988

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(54) POWER SUPPLY CIRCUIT FOR AUDIO EQUIPMENT**(57)Abstract:**

PURPOSE: To suppress a level of a pop noise signal at interruption of power and to eliminate the pop noise by supplying power of a power supply circuit supplying power to various circuits of an audio equipment directly to a power line independently so as to supply the power at all times independently of 'ON-OFF' operation of the power supply.

CONSTITUTION: A microprocessor power output circuit 22 is controlled in response to the production of a mute signal at interruption of power and a power supply detection level to a COM/AM/FM power output circuit 23 and a chip enable signal generating circuit 24 is set within a range of a mute signal generating level. Thus, if the mute signal is lost, the power voltage of a car audio equipment 10 is lowered considerably, and then the mute signal level is decreased in matching with the sequential decrease on a voltage level of each power supply and a pop noise at interruption of power is not almost given to a speaker 9.

